OIPE JC34
JAN 14 2004
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	PANG et al.
Appl. No.	:	10/679,512
Filed	:	October 7, 2003
Title	:	HIGH QUANTUM EFFICIENCY X-RAY DETECTOR FOR PORTAL IMAGING
Grp./A.U.	:	2882
Examiner	:	
Docket No.	:	14470

Honorable Assistant Commissioner of Patents
Alexandria, VA 22313-1450

Sir:

PTO CUSTOMER NO. 000293

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R., §§ 1.97-1.99, applicant submits the following information which may be of interest to the examiner in charge of the above referenced application for patent. Copies of the references listed on the attached Form PTO-1449, List of Prior Art Cited by Applicant, are attached.

Respectfully submitted,

1/14/04

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FORM PTO-1449 (Rev. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket No.	Serial No.
14470	10/679,512

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

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APPLICANT	
PANG et al.	
FILING DATE	**GROUP**
October 7, 2003	2882

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART *(including Author, Title, Date, Pertinent Pages, Etc.)*

	BA		L.E. Antonuk, "Electronic portal imaging devices: a review and historical perspective of contemporary technologies and research", Phys. Med. Biol. 47 (2002), pp.R31-R65.
	BB		J. L. Gerstenmayer, "Improving spatial resolution of high stopping power X- and gamma-ray cameras: fibers or flat-structured detectors?". Nuclear Instruments and Methods in Physics Research A, 454 (2000), pp. 232-240.
	BC		M. A. Mosleh-Shirazi et al., "Rapid portal imaging with a high-efficiency, large field of view detector", Med. Phys., 25 (12), December 1998, pp. 2333-2346.
	BD		A. Sawant et al., "Theoretical analysis and experimental evaluation of a CsI(Tl) based electronic portal imaging system", Med. Phys., 29 (6), June 2002, pp. 1042-1053.
	BE		J. Ostling et al., "Novel detector for portal imaging in radiating therapy", Proceedings of SPIE Vol. 3977 (2000), pp. 84-95.
	BF		R. Hinderer et al., "Development of a New Multielement Detector System for Megavoltage Photons", Proceedings SPIE, Vol. 4682 (2002), pp. 809-818.
	BG		E. Christophel et al., "The micro-gap wire chamber", Nuclear Instruments and Methods in Physics Research A 398 (1997), pp. 195-202.
	BH		D.L. Langer et al., "Intrinsic spatial resoultuon in a flat panel imager as a function of Quantum Efficiency for megavoltage x-rays", Presentation at EP12K2 conference, Vancouver BC. June 2002.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.